cc Mike Horton
Fish & Game

Date: 9/15/79

Fish Stream Survey Report

DLS
Also 103 90 50 +

Streams #2 & #3
#103-80-033

Camp Port Alice - Cone Peak Sale

Stream Name(ID) Wally Creek, Str #1

Road# X-ing Wally Cr, Station# _____

Unit# 10 RP# _____

Quad Map Craig D-6 Section _____ Chick Map _____ Section _____

Fish Present Yes X No _____

	Yes	No
Above Road Crossing	X	
Below Road Crossing	X	
Within Unit Boundary	X	
Below Unit Boundary	X	

Species Present/Stage of Development Coho - smolt & fry

Type of Fish Habitat

Salmon Spawning Area	X	sq yds	Describe
Salmon Rearing Area	X	sq yds	Describe
Other Trout Area		sq yds	Describe

Stream Sketch or Map: Attach supplement if necessary:

See maps

Method(s) used to determine presence of fish: shocker

Date	#Fish	Approx Length	Gear	Length of Time Fished
9/11/79	Wally Cr #1	1 Coho 2" 1 Coho 1" Many fry observed	Shocker ↓	1 hour ↓
	Stream #2	8 Coho 1½"	Shocker	10 min
	Stream #3	3 Coho 1½"	Shocker	10 min

Is future fish habitat enhancement possible? Yes _____ No X
If yes Describe:

Road and Unit boundary/fish stream intersection(s)
Marked with aluminum metal tags Yes X No _____
Fish stream(s) flagged with blue stripe tape Yes X No _____
Stream(s) traversed-If so attach traverse notes Yes X No _____
Additional parameter information necessary, Yes _____ No X
If so attached completed fish stream parameter Data form

Pertinent Wildlife Information:
Ducks, Deer

Comments:
See report

Survey Crew Members:	Signature	Date
Jim McCullough	Jim McCullough	9/15/79
Joe Santner	Joe Santner	9/17/79

Report Reviewed By Michael E. Navy Wildlife Bio 9-25-79
Signature Title Date

Recommendations: See attached pages for detailed write up and site specific recommendations. We may encounter problems in limiting amount of cut along Santner side of Wally creek due to Sawfly kill - Lets discuss.

NOTE

Also appears that additional fish stream survey work will be required at later date. Please coordinate

Stream Descriptions

Stream #1 Wally Creek # 103-80-033

Wally Creek is 15' to 20' wide and 12" to 18" deep with 4' to 5' pools. The first 1000' of the stream has a substrate consisting of boulders / rocks / gravel a gradient of 2 to 3% with side slopes of 90 to 70%. There is very little spawning gravel in this portion of the stream. From 1000' to 5000' the stream flows through a muskeg area. The substrate here is mud, the banks are mud and the gradient is 1% or less. There is no spawning in this portion of the stream. The remaining portion of the stream had good to excellent spawning gravels with a substrate of rock / gravel / sand, a gradient of 1% to 6%. It remains 10' to 15' wide and 2' to 4' deep. Unit #10 uses Wally Creek as the Northern portion of the unit boundary begining at unit boundary traverse 78+00. The stream temperature here was 53°F, Air temperature 58°F and riffle 53°F. Wally Creek has excellent Salmon and Trout Spawning / Rearing habitat. The stream was flagged Blue / White from it's mouth to 150' above the proposed bridge site, salmon habitat continues past the end of the blw flagging. The stream is tagged at the Unit #10 traverse station 78+0 Wally Creek should be considered Temperature sensative in the area of Unit #10.

Description

Stream #2

This stream is 8' to 10' wide and 6" to 18" deep with 18" pools. The substrate is rock/gravel/sand. The gradient is 1% to 2%. The stream has excellent salmon rearing habitat, it was flagged Blue/White from it's junction with Wally Creek to station 2+35 on the stream traverse where it begins to flow from an underground cave. Tagged at the junction of Stream #2/#1.

Stream #3

This stream is 1' to 3' wide and 6" to 12" deep with 18" pools. The substrate is rock/gravel/sand. The gradient is 1%. The stream has good salmon rearing habitat, it was flagged Blue/White from it's junction with stream #2 to station 5+40 on the stream traverse where salmon habitat ends. Tagged at the junction of stream #2/stream #3.

Recommendations :

Stream #1 - Wally Creek

Timber : Directional falling to include lining as necessary. Yarding away from the stream, No bucking or limbing in the stream, 48 hour clean up of debri, logging along Wally Creek during such a time as to minimize effects on salmon spawning and redds. Because Wally Creek is temperature sensative and the unit is on the southern portion of the stream only 10 chains may be logged on the south side of the creek, no more than 25% of the streamside overstory canopy should be removed in the initial entry, the brush and understory, including shrub trees, adjacent to the stream during timber harvest operations must be protected.

Engineering:

Directional falling or jacking where necessary. Yarding away from the stream, no bucking or limbing in the stream, 48 hour cleanup of any debri, road building during such a time as to minimize effects on salmon spawning and redds. Fish Passage Required during and after road building activities, Only one Poclain crossing. The brush and understory, including shrub trees, adjacent to the stream during road construction operations must be protected.

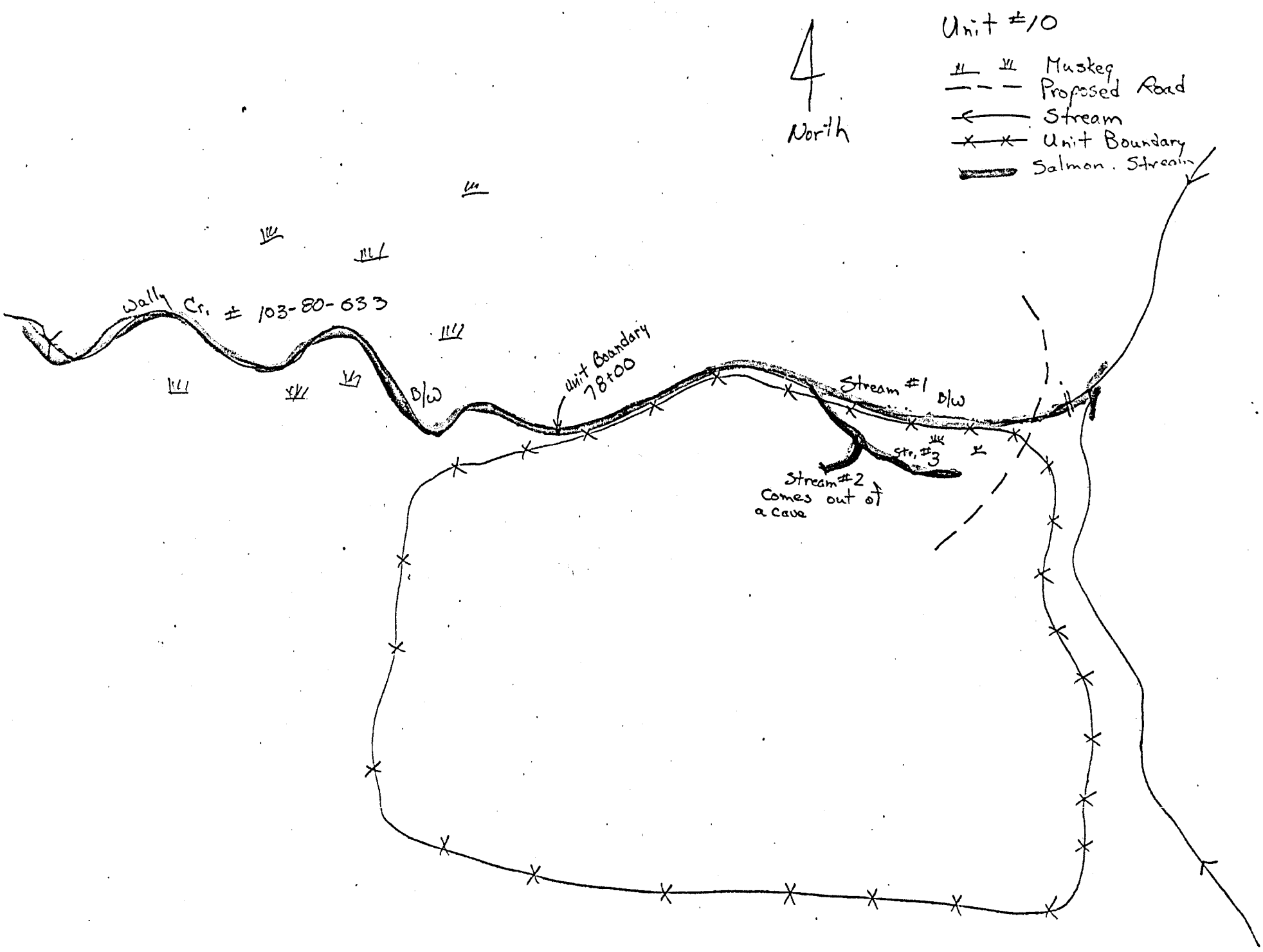
Recommindations

streams #2 and #3.

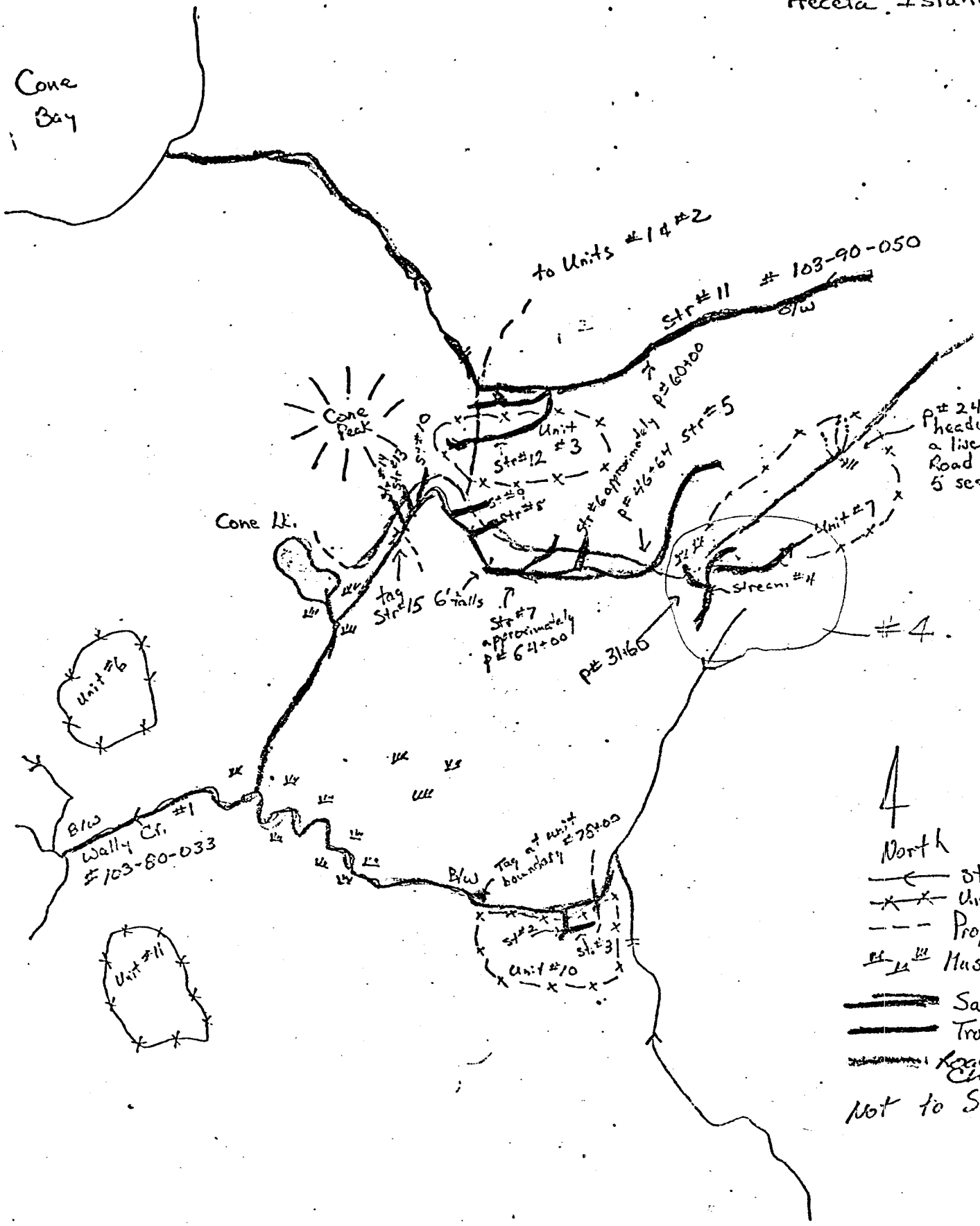
Directional falling to include lining as necessary. Yarding away from the stream or full suspension over. No bucking or limbing in the stream, 48 hour clean up of debris, Protection of the brush and understory, including shrub trees, adjacent to the stream during timber harvest operations.

Comments:

The northern (?) NW and eastern portion of unit #10 remains to be checked for fish streams, this should be done. Because of the hemlock sawfly problem this unit's boundary may be extended eastward and westward in which case the entire unit will have to be looked at again. The timber between stream #3 and Wally Creek, stream #1, looked as if it had a low volume and this portion of the unit should be dropped if there are any problems incountered with yarding between the streams.


Unit #10
Muskeg
Proposed Road
Stream
Unit Boundary
Salmon. Stream
North
Wally Cr. # 103-80-633
B/W
Unit Boundary 78+00
Stream #1
B/W
Str. #3
Stream #2 Comes out of a cave

Heceta Island



STREAM #2

UNIT TRAVERSE

SALE NAME Cone Peak UNIT 10

CREW Sawyer + McCullough DATE 9-11-79

WEATHER Cloudy + Rainy MAG TRUE North

PAGE

Begin at Unit STA 89+45	SLOPE DIST.	% SLOPE	FS	BS	REMARKS
0+00					
	110	-1%	126°	5%	3%
1+10					
	40	-1%	184°	+3	+4
1+50					Coho-1½
	35	8%	258°	+9	+10
2+35	END TRAVERSE				D.U. 3"

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STREAM #3

UNIT TRAVERSE

SALE NAME Cone Peak UNIT 10

CREW Sa[illegible] - McCullough DATE 9-11-7[illegible]

WEATHER Rain MAG TRUE North

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STA	SLOPE DIST.	% SLOPE	FS	BS	REMARKS
0+00					Coho [illegible]
	65	3%	138°	+5	+4
0+65					1 Coho 1½
	100	1%	136°	+2	+4
1+65					1 Coh 1½
	120	1%	140°	+2	+4
2+85		1%		+2	1 Coho 1½
	105	1%	145°	+2	+[illegible]
3+90					
	100	1%	138°	+2	+6
4+90					
	50	1%	142°	+2	+10
5+40	End traverse				

Good rearing stream

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